



AGAT SMALL BOAT HARBOR AGAT, GUAM

Project Location. Agat is located near Gaan Point on the west coast of Guam.

Authorization. The project was authorized for construction in June 1986 under Section 107 of the River and Harbor Act of 1960, as amended.

Local Sponsor. The local sponsor is the Government of Guam.

Completed Work. The project consists of an entrance channel 930 feet long, 120 feet wide, 14 feet deep; a turning basin 120 feet long, 150 feet wide, 7 to 11 feet deep; a main access channel 500 feet long, 75 feet wide, 9 feet deep; two breakwaters 985 feet long and 50 feet long, respectively; and two revetted moles 180 feet long and 300 feet long. The protected basin provides berthing areas for up to 150 boats. A construction contract was awarded in October 1986 for \$3,151,000. The project was completed and dedicated in March 1989. Construction for shoreside facilities by the Government of Guam was completed in September 1990. The cost of this project was \$2,821,800 (Corps: \$1,711,500; Coast Guard: \$2,000; Non-federal: \$1,108,300).

Following completion of the project, site investigations revealed that the wave setup was resulting in high velocity currents entering the basin area in a north to south direction. This led to two problems: (1) the first row of berths were unusable; and, (2) a shoal developed on the north side of the berthing area. A corrective scheme that would reduce the current velocities and shoaling in the harbor was developed. However, as federal expenditures on the project were already at the statutory limit of \$2.0 million, the estimated additional \$600,000 cost for this corrective measure would have to be borne by the local sponsor. In November 1990, the Port Authority of Guam (GPA) requested that the Corps design a modification to the project to alleviate problems of shoaling associated with strong currents. In December 1990, the Corps was further requested to provide design, plans and specifications, and supervision and inspection during construction. The GovGuam would solicit the bids and award the construction contract. The Port Authority of Guam provided the \$25,000 for additional project design assistance in March 1991. Project documents were completed in September 1991 and transmitted to GPA in October 1991.

Present Status. Legislation is proposed in the pending Water Resources Development Act of 1998 to dredge the harbor and to investigate the repair of shoreside facilities which were damaged by Typhoon Paka in 1997. It is unknown whether the study will be authorized.